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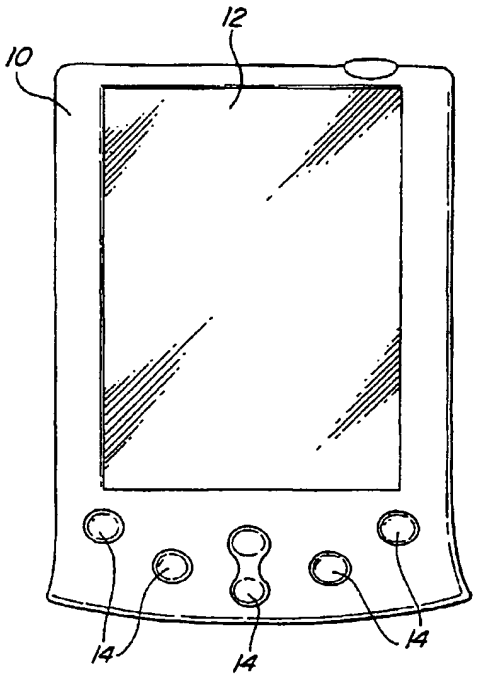
[Continued on next page]

(54) Title: ULTRASONIC MONITORING OF BONE DENSITY WITH DIET FEEDBACK



(57) Abstract: A system for monitoring bone density includes a monitor (16) employing ultrasonic transducers adapted to be supported in contact with the user's body. The bone density information derived is provided to a personal digital assistant (10) including a display (12), including means for entering the information into the Internet. A remote computer (90) connected to the Internet includes a program for analyzing the data and providing feedback to the user which is displayed on the personal digital assistant (10). The user may also record information relating to food consumption and the feedback information may contain dietary recommendations.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/50468

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : A61B 8/00
US CL : 600/438
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 600/437, 438, 442, 449, 459, 601/2;

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,556,372 A (TALISH et al.) 17 September 1996 (17.09.1996), Fig. 3.	10-15
A	US 6,015,383 A (BUHLER et al.) 18 January 2000 (18.01.2000), columns 18-20.	1-15
A,P	US 6,234,969 B1 (CHAINTREUIL et al.) 22 May 2001 (22.05.2001), the entire document.	1-15

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

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Date of the actual completion of the international search	Date of mailing of the international search report
13 July 2002 (13.07.2002)	12 DEC 2002
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703)305-3230	Authorized officer A.H. Imam Telephone No. 703-308-[illegible]

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/50468

Continuation of B. FIELDS SEARCHED Item 3:
EAST 1.2
search terms: bone, density, ultrasound

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